Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 20 Jan 2021 until 23:59 on Thursday 21 Jan 2021

Forecast Issued on Wednesday 20 Jan 2021 at 03:44

Confidence: High for wet and windy conditions on Wednesday, then a return to colder and brighter conditions from Thursday. Medium in cloud and snow details from Thursday.

Headline for Wednesday 20 Jan 2021: Very wet and windy with extensive low cloud. Sleet and snow on the tops later.

Mountain weather hazards on Wednesday 20 Jan 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Sleet
Precipitation probability					
70%	80%	80%	80%	80%	60%

Forecast for Wednesday 20 Jan 2021

Weather: Cloudy and overcast with outbreaks of heavy and persistent rain. It will steadily turn to sleet and snow over the highest tops in the evening.

Chance of cloud free mountain/hill tops above 600m: 20%, extensive cloud base 600m or less

Visibility: Moderate or poor, but often very poor at height.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Wednesday 20 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/36 SW	26/34 SW	24/33 SW	30/40 SW	27/38 SW	16/23 W	21/29 W
300	22/31 SW	20/29 S	18/27 SW	23/35 S	21/33 SW	14/22 SW	16/25 W
Valley	13/29 SW	12/27 S	10/24 SW	15/33 SW	14/30 SW	9/17 W	12/23 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/1	6/1	6/2	6/1	6/-0	2/-3	-0/-7
300	9/5	9/5	9/5	8/4	8/4	4/-0	2/-4
Valley	9/6	9/6	9/6	9/6	8/5	4/1	2/-2
Freezing Level*	1700m	1600m	1800m	1800m	1600m	700m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note the sharp drop in freezing level in the evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 20 Jan 2021	30.4mm	45mm	47.8mm

Forecast for Thursday 21 Jan 2021

Weather: Rather cloudy with bright or clear spells and wintry showers, snow mainly above 300m.

Maximum wind: West 20 to 30mph gusting 40mph with a severe wind chill.

Chance of cloud free mountain/hill tops above 600m: 70%, occasional or extensive 600 to 900m.

Visibility: Very good falling to poor or very poor in showers.

Temperature: **Valleys:** Zero to Plus 4 Celsius
At 600m: Minus 1 Celsius
Freezing level: 400 to 600m.

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